

<210> 36
 <211> 485
 <212> DNA
 <213> Pinus taeda

<400> 36
 gaccgcttgt gcaaagtaga taccgtcctg ttccggtgaa ttgaagtaca ttttcaaaat 60
 gcgctactat gacattttat aggatgtctg agtgtaaaat aatgggtactg gttgttgcaa 120
 agaatctgat gtttggtatg atggaaatat aaatagatgt tattttctga tccagaaggc 180
 tttccttacc aactgatttc atcttcagaa actaaaagct cttgaacttg tgtagatggg 240
 gcttgggtcat tgtagtttaa atgcattatg tagtggcaaa aaaaaaaagt tatagcctac 300
 gtttcaaagt gatttgctcg acaatcaaat gaattacaat tgaatattca tgtataacca 360
 aattttaaat gtagaatgac atcatcaatg tagacaaaca ccactgtgct tgtccttgat 420
 atcctctttc accatataat tgggtggctta ctcaaagtca ctatctgatg caactacaag 480
 cggtc 485

<210> 37
 <211> 500
 <212> DNA
 <213> Pinus taeda

<400> 37
 gaccgcttgt tcaatgcaga atctcgaaga gatgtcttgg acaaatactg aactggcacg 60
 attggtgtag tgcggttcaa aaggcgctcc agattcgtct ggaacgaatc ttcatacgct 120
 gaacaattag acatcttgta cgcaagagaa ttacgatcgg ccatataaaa accccaaaga 180
 gaagaaagtg tttcgaaatt ctcccagaaa acagtcctat gccaccgatt tgtcttttca 240
 acatgcattt gcaatgaagt ctttggattc ttactgtgag tgctgatcag caacggattt 300
 tcgatctgta tagctctgcc gattcctggg taaagcagct aagagttagg catccagatt 360
 ttgagttttt tgcattctcac aatgtttgaa tacatttcaa atccattgtt ggagtaacct 420
 aacaacaact gtactcttct tectatttct gaagccctct gccagtttaa ggcagagaac 480
 tgagttatct acaagcggtc 500

<210> 38
 <211> 398
 <212> DNA
 <213> Pinus taeda

<400> 38
 gaccgcttgt ataataaagt ggtaccgctg cctgcaaaca gggttctctt gccatcctgc 60
 tacaaccctg cagtggctgc agtagagaga atcggagcaa cgaacgtttt cccgaatata 120
 tggagcggga ggaagagttt tcttgctgat gatccaatcg gagtogaact gccaccgctg 180
 gatgaagggc ggcgaggaaa tcttgggggg cagaggcccg tcggcgtagg aaataagaaa 240
 cgatttgata tggaacgaaa gggcccgctc agggttcgat ccccggcagg gcagccagcc 300
 ccgaactaaa caaaacaata agaacaaca gcaaagtaaa agaaagcacc agaagaaaca 360
 gcagcagacg aagagtaagg agctgccac aagcggtc 398

<210> 39
 <211> 179
 <212> DNA
 <213> Pinus taeda

<400> 39
 gaccgcttgt aatccacagc attttcaata acttcctgag gtgacatcca cctccactca 60
 gaaaactcgg ctgcattctg cccatcacca gctagattga tctcactctc gtctcctcta 120
 aatttttagga ggaaccattt ctgtgcttga cctttccatt cgctcccca caagcggtc 179

<210> 40
 <211> 221
 <212> DNA
 <213> Pinus taeda

<400> 40
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 ccaaaaattt agctgtgaca tcaaaaagct caacccttac aatgaatgta accttaatct 120
 agaaaattga tccatgatct ccactgaatt ttctcgttca tcctgaagaa tgagaaactt 180
 aaatgtaccc gattccctca accaagcccc cacaagcggt c 221

<210> 41
 <211> 473
 <212> DNA
 <213> Pinus taeda

<400> 41
 gaccgcttgt aatccacagc attttcaata acttcttgag gtgacatcca cctccactca 60
 gaaaactcgg ctgcatctgt cccatcacca gctagattga tctcactctc gtctcctcta 120
 aatttttagga ggaacctgta attggtaggg gcttgtcata aatgatcaag acgacccgca 180
 tcgtgatgcc aagcttagtc tttctactta ctgtctatgt aatggtcacg ggcccttctt 240
 atgtttatgt ctctttgaaa tggacgattt ttttgtttta ggtattcagt ttctgaagct 300
 gttttggtag taaactgggc tcaatcattt ctgttgcttg aactttccat tcgcctcccc 360
 cacaagcgtc agccgaattc tgcagatata catcacctgg gggggccgct cgaacatgca 420
 tctagaaggc caatccccta tatgaattct attaaatccc tggcctcggt tta 473

<210> 42
 <211> 339
 <212> DNA
 <213> Pinus taeda

<400> 42
 ggtgcatcc agaaaactat catctctcac tgctcgtgaa caaatgctg gttcatagcc 60
 atcactaagg ctaaggctact atccagccaa actgatctca aataataatt tcataagctt 120
 aaataaatag tccagccagt agatggagcc aaaaagccat agaagcttca aatacttgtg 180
 gtatcaatct ctctctgtt aagggaggta tcagatcaga agcactaatc aaatgcatac 240
 ataaatgcag tagactgcaa taaaacaaaa tctgcagata gcaacagagc gcttaacgaa 300
 cggaaaagag tttaacttga tctatcacag gatcgacc 339

<210> 43
 <211> 303
 <212> DNA
 <213> Pinus taeda

<400> 43
 ggtgcatcc acaatagttc gtacgagcga cgtctatctg gttaatcaga acacatatct 60
 aatttggaaa tttgtgggca taaagctcca cagtgtagggt gggctaatac catgaaacat 120
 tactcttcaa aacatcatat aactgagggt gaaattgcaa aagattatta ctggatgctg 180
 atctgggact aagggtggtg ccattggtta tgttggttt cagaaatata tcttcatgat 240
 gatcagtagt tgcattctggt tggaagaatg ataaattctg gtaatttgtc ttgggatcgc 300
 acc 303

<210> 44
 <211> 274
 <212> DNA
 <213> Pinus taeda

<400> 44
 ggtgcatcc aactagaaga atataaagaa aaattacgga ctaccagaaa acatcacatc 60
 acagtgtatt gcatttctcaa taatcagaac tgtactggct aatatcgctg tgcctgtcgt 120
 ttcatTTTTcc tgtcatccgc atagggcccc tcattttccc tatcttgcag aaatccaaga 180
 aatgcaagaa aaccaaaaaag gaagaaaccc ccagaggaag agtccgaaga ggatatgggt 240
 gtcagtcttt ttgactagat tggaggatcg cacc 274

<210> 45
 <211> 269
 <212> DNA
 <213> Pinus taeda

<400> 45
 ggtgcatcc cagaacattt cagacagatt aaaacaagat ctagtcaatt cctacaaggg 60
 aaacttttTgt caagatccgg atccagattt tcctcaagta aaactaatct cattaaatcc 120
 aagccaatct ctagcaaaat tcaaacactt tttattaaat ccaagccata tatctggcaa 180
 attcacccgaa atatgtacaa tcgcagcgca ttgcttggct tgcgacagaa accatattcg 240
 cacgtettca taaggctttg gatcgccacc 269

<210> 46
 <211> 240
 <212> DNA
 <213> Pinus taeda

<400> 46
 ggtgcatcc aacaacacag cttcacactt actccatcct ctggaactct catcagattg 60
 tgttcttctgt agaccaagtt cctgtgagag tccacaggca cactgaggct acaagcgatg 120
 tgttccctaa agaacagggg atgtacatgt tttccagcat ttggaatgca gacgactggg 180
 caaccagggg tgggcttggg aagacaaaact ggactgccgc tccattcagc ggatcgccacc 240

<210> 47
 <211> 242
 <212> DNA
 <213> Pinus taeda

<400> 47
 ggtgcatcc caacaccaag tgagaatgaa gcaatataaa tcagcagact cactaaagcc 60
 aaaacagtga aaaatgtttc atattgggaa tctgtctccag aatgagcctt caagtataat 120
 gacaaactaa cgaggaagag acatacggcc atgccccag atgagaccat gaggaggaga 180
 cgctgtccgg ctttatccat gagccataca gcaactgcag tcatgatgac ctggatcgca 240
 cc 242

<210> 48
 <211> 213
 <212> DNA
 <213> Pinus taeda

<400> 48
 ggtgcatcc aggaaatcat caaaggggag cacatccaat gtgcaaaata agatcatcat 60